

WHAT IS CLAIMED IS:

1. A wheel for in-line skates, comprising:

a central hub including an inner ring portion, an outer rim portion disposed around the inner ring portion, and a connector extending between the inner ring portion and the outer rim portion;

a tire surrounding the outer rim portion of the central hub; and

a bearing assembly fitted in the inner ring portion of the central hub;

wherein the central hub includes a reception cavity provided in the connector, a weight received in the reception cavity and adapted to be moved from the inner ring portion to the outer rim portion of the central hub by a centrifugal force of the wheel, and an elastic element for biasing the weight to the inner ring portion.

2. The wheel for in-line skates as set forth in claim 1, wherein the connector of the central hub comprises a plurality of spokes radially extending from the inner ring portion to the outer rim portion.

3. The wheel for in-line skates as set forth in claim 1, wherein the reception cavity of the central hub is formed such that an outer end of the reception cavity is positioned at an outer surface of the outer rim portion and opened thereat, and an inner end thereof is positioned near to the inner ring portion, and wherein the opening formed at the outer end of the reception cavity is closed by a locking plug.

4. The wheel for an in-line skate as set forth in claim 1, wherein the weight is made of metal, and the elastic element for biasing the weight is comprised of an elastic spring.

5. A wheel for in-line skates, comprising:

a central hub including an inner ring portion, an outer rim portion disposed around the inner ring portion, and a connector extending between the inner ring portion and the outer rim portion;

a tire surrounding the outer rim portion of the central hub; and

a bearing assembly fitted in the inner ring portion of the central hub;

wherein the tire includes a central tread portion, and curved side portions disposed at both sides of the central tread portion, at least one of both the curved side portions being provided with a soft portion having a higher coefficient of friction, compared to the central tread portion.

6. The wheel for an in-line skate as set forth in claim 5, wherein both the curved side portions are provided with soft portions, respectively.

7. The wheel for an in-line skate as set forth in claim 5 or 6, wherein the soft portion is formed in the shape of a ring surrounding the curved side portions.

8. The wheel for an in-line skate as set forth in claim 7, wherein the soft portion comprises a plurality of thin soft portions.

9. A wheel for in-line skates, comprising:

a central hub including an inner ring portion, an outer rim portion disposed around the inner ring portion, and a connector extending between the inner ring portion and the outer rim portion;

a tire surrounding the outer rim portion of the central hub; and

a bearing assembly fitted in the inner ring portion of the central hub;

wherein the central hub includes a reception cavity provided in the connector, a weight received in the reception cavity and adapted to be moved from the inner ring portion to the outer rim portion of the central hub by a centrifugal force of the wheel, and an elastic element for biasing the weight to the inner ring portion,

wherein the tire includes a central tread portion, and curved side portions disposed at both sides of the central tread portion, at least one of both the curved side portions being provided with a soft portion having a higher coefficient of friction, compared to the central tread portion.

10. The wheel for in-line skates as set forth in claim 9, wherein the connector of the central hub comprises a plurality of spokes radially extending from the inner ring portion to the outer rim portion.

11. The wheel for in-line skates as set forth in claim 9, wherein the reception cavity of the central hub is formed such that an outer end of the reception cavity is positioned at an outer surface of the outer rim portion and opened thereat, and an inner end thereof is positioned near

to the inner ring portion, and wherein the opening formed at the outer end of the reception cavity is closed by a locking plug.

12. The wheel for an in-line skate as set forth in claim 9, wherein the weight is made of metal, and the elastic element for biasing the weight is comprised of an elastic spring.

13. The wheel for an in-line skate as set forth in claim 9, wherein both the curved side portions are provided with soft portions, respectively.

14. The wheel for an in-line skate as set forth in claim 9 or 13, wherein the soft portion is formed in the shape of a ring surrounding the curved side portions.

15. The wheel for an in-line skate as set forth in claim 14, wherein the soft portion comprises a plurality of thin soft portions.